CITY OF KIRKLAND

Vehicle Charging Stations JOB NO. 03-21-CMO

ADDENDUM No. 1 To The Plans, Specifications, Proposal and Contract

Issued This Date: Thursday, January 28, 2021

Bid Opening: Unchanged – January 29, 2021 at 1:00:00 pm PST

Place of Opening: City Hall

Notice to All Plan holders:

This Addendum No. 1, containing the following revisions, additions, deletions, and/or clarifications is hereby made part of the Plan and Contract Documents for the abovenamed project. Bidders shall take this Addendum into consideration when preparing and submitting their bids and it shall be attached to the Contract Documents.

Contractors shall acknowledge receipt of this Addendum in the place provided on Proposal Page 6. Failure to do so may disqualify the Bidder from consideration of its bid.

All other requirements of the contract documents remain in effect.

Questions and Answers:

Location: Plans, Sheet 35, Soldier Pile Wall Schedule

- How will the shrubs/trees removal process be completed? Will the roots be removed or will the tree/shrub be just cut off leaving a stump? –
 City of Kirkland: City grounds crews will work with the contractor to remove any/all shrubs/roots that need to be removed for the project.
- 2. Since the pathways to the charging stations will go through vegetation, have you considered the impact to the roots of that vegetation in your specs and expected outcome? City of Kirkland: Yes, we have. City grounds will evaluate the life expectancy and logistics of plantings when a plan is established.
- Specifically, because the trenching will impact the large planted area on the West side of the building, we would like clarification of your expectation in this regard. – City of Kirkland: Please see answers to #1 and #2 questions above.
- 4. At the site walk, I had asked if KCH would pay for the permits, and you stated "No". But the project manual states the owner will apply and pay for the general building permit and the contractor is responsible for any other. Please see image attached and confirm.

 City of Kirkland: yes, permit(s) will be applied for and issued according to the project manual.
- 5. Please note that the specifications state that 12" marking tape needs to be installed above the conduit, however, it will be bored. There wont be a trench, is this still a requirement? And of course, it can only bee by the vegetation as so much concrete covers the conduit.

Stantec: For bored installations, provide #12AWG copper tracing wire in all empty conduit. Provide marking tape in all remaining duct paths.

- 6. There is also a specification stating that the conduit needs to change to rigid 10 ft from the building which I do not recommend. We should keep it as PVC to the building penetration and then transition once inside the building.
 - Stantec: This is not an acceptable deviation from the specifications.
- 7. The documentation states the public bid opening will be January 28th @1:00PM, however the Bid Due date is January 29th at 1:00PM. Can you please verify the times and dates? City of Kirkland: Friday, January 29th at 1:00 pm.
- 8. City of Kirkland: Equipment shown in "Records Room 141" can be placed in "ELEC 145" if all codes and requirements are met. It is up to the contractor to coordinate with electrical engineer to update the plans for permit.
- 9. Question and Answer period is now closed.

PILE SCHEDULE (CONTINUED)

							CUEDOLE											L SCHED	•		,		
			_			BOTTOM OF	ALL 3A											BOTTOM C	WALL 4				
חוו ב אוס	PILE	CTA		OS EL T	TOP OF SHAFT	COATING MIN	MIN EM	BED AP	PROX SHAFT	APPROX WIDE	DEMADIZO	חוו ב אוס	PILE	CTA (TOS EL	TOP OF SHAFT	COATING MIN	IVI	IN EMBED AF	PPROX SHAFT	APPROX WIDE	DEMARKS
PILE NO	SIZE	STA	OFFSET	(FT)	EL (FT)	(FROM TOS)		LI	ENGTH (FT)	FLANGE LENGTH (FT)	REMARKS	PILE NO	SIZE,	STA (OFFSET '-	(FT)	EL (FT)	(FROM TO		(FT)	LENGTH (FT)	FLANGE LENGTH (FT)	REMARKS
P3-1	W16x36	28+18.92	26.37'RT 58	8.8600	57.97	7.50		'\	11.90	12.25		P4-1	W16x40	35+66.62 2	4.71' RT	83.74	82.08	9.50		,	17.09	18.25	
P3-2	W16x36	28+28.92	26.37' RT 5	58.90	56.45	8.50	t	l)	13.30	15.25		P4-2	W16x40	35+74.60 2	5.24' RT	84.22	82.77	9.50	1\	 <	17.30	18.25	
P3-3	W16x40	28+36.92	26.37' RT 5	59.36	56.71	10.50	(,	17.10	19.25		P4-3	W16x40	35+82.59 2	5.78' RT I	84.75	81.27	10.50	1 \	//	16.27	19.25	
P3-4	W16x40	28+44.92	2 26.37' RT 59	9.98	56.94	10.50	>	1\	16.71	19.25		P4-4	W16x40	35+90.57 2	6.31' RT I	I 85.29	80.12	10.50	? \	1)	14.58	19.25	
P3-5			2 26.3T Ry 60		56.85	10.50 10.50	λ	4	16.48 16.55	19.25		P4-5		35+98.55 2			78.76	10.50 11.50	>	\ 1 \	12.69 15.25	19.25	
P3-6			5 25.88' RT 60		57.05		7	IJ		19.25		P4-6	W10X0/ >	>36+04.99 2	0.01 KI 18	80.23	77.75		\	,	13.23	23.25	
P3-7	W16x40	28+68.84	25.35' R"t,\60	0.36	57.28	10.50	1		16.68	19.25		P4-7	W16x67	36+10.98 2	6.87' RT	86.62	77.85	11.50	,	\ <	14.98	23.25	
P3-8	W16x4	0 28+76.82	24.81' RT 60.4	48	57.52	10.50)		16.79	19.25		P4-8	W16x67	36+18.78 2	6.88' RT,	87.25	78.90	11.50	(, , , , , , , , , , , , , , , , , , ,	15.40	23.25	
P3-9	W16x40	01 28+84.8 0	0 24.28' RT 60	0.60	57.97	10.50) .	I	17.12	19.25		P4-9	W16x61I	36+26.56 2	6.88' RT	87.85	80.09	11.50	'!	$\tilde{\mathbf{V}}$	15.99	23.25	
P3-10			23.75' Ry\6		58.49	10.50	6,\)	17.49	19.25		P4-10		36+34.35 2			80.81	10.50	>	/\	12.04	19.25	
P3-11	W16x40	29+00.77	7 23.22'RT 6	60.94	58.87	10.50	I	1	17.69	19.25		P4-11	W16x401	36+42.13 2	6.87' RT I	1 89.20	81.93	10.50	\ ,	/ \ <	12.48	19.25	
P3-12	W16x40	29+08.75	5 22.68' RT	61.13	59.22	10.50	> 1	\ \	17.85	19.25		P4-12	W16x40 ₁	36+49.92 26	6.87' RT'	89.92	84.34	10.50	- 1	\ <	14.17	19.25	
P3-13	W16x67	29+16.73	22.15' RT	61.31	59.68	11.50	ĺ	\ '	22.12	23.25		P4-13	W16x40 1	136+57.70 2	6.87 RT'	90.64	86.36	10.50	(I	/ J	15.47	19.25	
P3-14	W16x67	29+24.72	21.62' RT,,6	51.50	60.11	11.50	(\	22.36	23.25		P4-14	W16x4ol	36+65.49 2	6.87' RT,	91.37	88.62	10.50	11	\)	17.00	19.25	
P3-15			21.09' RT 6		60.54	11.50	1		22.57	23.25 23.25		P4-15	W16x4ol	36.72.91 2	4.69' RT ^I	92.12	92.03	10.50	\ '	')'	19.66	19.25	
P3-16	W16x67	29+40.68	3 20.56'RT 6	61.98	60.98	11.50	\	•	22.75	23.23				α					`				
						W	ALL 3C	.;_ 1										١	WALL 5				
P3-21	W16x36	34+17.06	20.37' RT 7	79.24	78.42	6.50	1	/ 1	10.93	11.25								BOTTOM O					
D2 22	W40-00	24.25.06	20 27LDT 5	70.26	77.20		1	, 1		11.25			PILE	074	- OFFSET	TOS EL	TOP OF SHAFT	COATING MIN	8.4	N EMBED AF	PPROX SHAFT	APPROX WIDE	DEMARKO
P3-22	W16X36	34+23.00	20.57 KI /	/9.30	77.29	6.50	\	- 1		11.23		PII F NO		SIA (COATING MIN	N L F	()			REMARKS
P3-22 P3-23			20.37'RT 7		76.81	6.50 7.50	Y	/	9.67 10.08	12.25		PILE NO	SIZE	STA (JFF3E1	(FT)	EL (FT)	(FROM TO		()		FLANGE LENGTH (FT)	REMARKS
	W16x36	34+33.06		79.48		7.50) 	<i> </i>)				P5-1	SIZE			, ,	98.30	(FROM TOS		(FT) [LENGTH (FT)		REMARKS
P3-23	W16x36 W16x36	34+33.06 34+41.06	20.37' RT 7	79.48 79.61	76.81		>	/ /	10.08	12.25			SIZE	37+35.65 2: 37+43.27 2:		, ,		(FROM TOS	S) - k.	()		FLANGE LENGTH (FT) 11.25 11.25	REMARKS
P3-23 P3-24	W16x36 W16x36	34+33.06 34+41.06 34+49.06	20.37' RT 7	79.48 79.61 79.73	76.81 76.83	7.50	I >	/ 	10.08 9.97	12.25 12.25		P5-1	SIZE W16x36 W16x36		3.89' RT 5.62' RT	99.82 100.79	98.30	(FROM TOS	S) - k.	(FT) [LENGTH (FT)		REMARKS
P3-23 P3-24 P3-25	W16x36 W16x36 W16x36 W16x36	34+33.06 34+41.06 34+49.06 34+57.06	20.37' RT 20.37' RT 20.37' RT 7	79.48 79.61 79.73 79.85	76.81 76.83 76.46	7.50 7.50 7.50		/ 	10.08 9.97 9.49	12.25 12.25 12.25		P5-1 P5-2	SIZE W16x36 W16x36 W16x36	37+35.65 22 37+43.27 22	3.89' RT 5.62' RT 6.93' RT	99.82 100.79 101.51	98.30 98.95	(FROM TOS 6.50 6.50	S) - k.	(FT) [10.23 9.91	11.25 11.25	REMARKS
P3-23 P3-24 P3-25	W16x36 W16x36 W16x36 W16x36	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06	20.37' RT 720.37' RT 7	79.48 79.61 79.73 79.85 79.97	76.81 76.83 76.46 75.94	7.50 7.50 7.50 7.50	; 	/ 	10.08 9.97 9.49 8.84	12.25 12.25 12.25 12.25		P5-1 P5-2 P5-3	SIZE W16x36 W16x36 W16x36	37+35.65 2: 37+43.27 2: 37+48.86 20	3.89' RT 5.62' RT 6.93' RT 8.28' RT	99.82 100.79 101.51 102.23	98.30 98.95 99.21	6.50 6.50 6.50	S) - k.	(FT) [10.23 9.91 9.45	11.25 11.25 11.25	REMARKS
P3-23 P3-24 P3-25 P3-26 P3-27	W16x36 W16x36 W16x36 W16x36 W16x36 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06	20.37' RT 720.37' RT 7	79.48 79.61 79.73 79.85 79.97 80.12	76.81 76.83 76.46 75.94 75.78	7.50 7.50 7.50 7.50 8.50	 	/ } < / / / /	10.08 9.97 9.49 8.84 11.57	12.25 12.25 12.25 12.25 15.25		P5-1 P5-2 P5-3 P5-4	SIZE W16x36 W16x36 W16x36 W16x36 W16x40	37+35.65 2 37+43.27 2 37+48.86 20 37+54.44 2	3.89' RT 5.62' RT 6.93' RT 8.28' RT 8.37' RT	99.82 100.79 101.51 102.23 103.20	98.30 98.95 99.21 98.92	6.50 6.50 6.50 8.50	S) - k.	(FT) [10.23 9.91 9.45 12.45	11.25 11.25 11.25 15.25	REMARKS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28	W16x36 W16x36 W16x36 W16x36 W16x36 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06	20.37' RT 8	79.48 79.61 79.73 79.85 79.97 80.12 80.30	76.81 76.83 76.46 75.94 75.78 74.93	7.50 7.50 7.50 7.50 8.50 9.50		/)	10.08 9.97 9.49 8.84 11.57 13.56	12.25 12.25 12.25 12.25 15.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+62.27 2:	3.89' RT 5.62' RT 6.93' RT 8.28' RT 8.37' RT	99.82 100.79 101.51 102.23 103.20 104.17	98.30 98.95 99.21 98.92 99.75	(FROM TOS 6.50 6.50 6.50 8.50 9.50	S) - k.	(FT) [10.23 9.91 9.45 12.45 15.31	11.25 11.25 11.25 15.25 18.25	KEMARKS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30	W16x36 W16x36 W16x36 W16x36 W16x36 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06	20.37' RT 85 20.37' RT 85 20.37' RT 85 20.37' RT 86 20.37' RT 86 20.37' RT 87 20.37' RT 88 20.37' RT 88	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24	7.50 7.50 7.50 7.50 8.50 9.50	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/) - \	10.08 9.97 9.49 8.84 11.57 13.56	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+62.27 2: 37+70.27 2:	3.89' RT 5.62' RT 6.93' RT 8.28' RT 8.37' RT 8.37' RT 8.37' RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15	98.30 98.95 99.21 98.92 99.75 100.95	6.50 6.50 6.50 8.50 9.50	S) - k.	(FT)	9.45 12.45 15.31 15.53	11.25 11.25 11.25 15.25 18.25 18.25	KEMAKKS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+97.06	20.37' RT 80.20.37' RT 80.20.37' RT 80.20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72	7.50 7.50 7.50 7.50 8.50 9.50 9.50		/	10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7	SIZE W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+62.27 2: 37+70.27 2:	3.89' RT 5.62' RT 6.93' RT 8.28' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13	98.30 98.95 99.21 98.92 99.75 100.95 102.01	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50	S) - k.	(FT)	9.45 15.31 15.53 15.61	11.25 11.25 11.25 15.25 18.25 18.25 18.25	REMARKS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8	SIZE W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+62.27 2: 37+70.27 2: 37+78.27 2:	3.89'RT 5.62'RT 6.93'RT 8.28'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50	S) - k.	(FT)	9.45 12.45 15.53 15.61 15.77	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25	REMARKS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 80.20.37' RT 80.20.37' RT 80.20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9	SIZE W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+86.27 2: 37+94.	3.89'RT 5.62'RT 6.93'RT 8.28'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50	S) - k.	(FT)	9.45 15.31 15.53 15.61 15.77 16.06	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25	REMARKS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9	SIZE W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+86.27 2: 37+94.27 2: 38+02.27 2:	3.89'RT 5.62'RT 6.93'RT 8.28'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.38'RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10 108.65	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50	S) - k.	(FT) [9.45 12.45 15.31 15.53 15.61 15.77 16.06 16.02 15.94	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25	PILE ALONG RADIUS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9 P5-10 P5-11	SIZE W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+86.27 2: 37+94.27 2: 38+06.98 2: 38+06.98 2: 37+35.65 2: 38+06.98 2: 38+06.	3.89'RT 5.62'RT 6.93'RT 8.28'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.38'RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10 108.65	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37 105.84	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50	S) - k.	(FT) [9.45 15.31 15.53 15.61 15.77 16.06 16.02	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25	
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9 P5-10 P5-11	SIZE W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+94.27 2: 38+02.27 2: 38+06.98 2: 38+11.96 2	3.89' RT 5.62' RT 6.93' RT 8.28' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT 8.38' RT 8.38' RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10 108.65 109.42 110.20	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37 105.84	(FROM TOS 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50	S) - k.	(FT) [9.45 12.45 15.31 15.53 15.61 15.77 16.06 16.02 15.94	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25	PILE ALONG RADIUS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9 P5-10 P5-11 P5-12 P5-13	SIZE W16x36 W16x36 W16x36 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+86.27 2: 37+94.27 2: 38+06.98 2: 38+16.80 2: 38+16.80 2: 38+16.80 2: 37+68.27 2: 38+16.80 2: 38+16.	3.89'RT 5.62'RT 6.93'RT 8.28'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.38'RT 8.38'RT 8.38'RT 8.38'RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10 108.65 109.42 110.20 110.97	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37 105.84 106.34 107.31	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9	S) - k.	(FT) [10.23 9.91 9.45 12.45 15.31 15.53 15.61 15.77 16.06 16.02 15.94	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25	PILE ALONG RADIUS PILE ALONG RADIUS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9 P5-10 P5-11 P5-12 P5-13 P5-14	SIZE W16x36 W16x36 W16x36 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+94.27 2: 38+06.98 2: 38+11.96 2: 38+16.80 2: 38+21.63 2: 38+21.63 2: 37+63.27 2: 38+06.98 2: 38+16.80 2: 38+16.80 2: 38+21.63 2: 38+21.	3.89'RT 5.62'RT 6.93'RT 8.28' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.65 109.42 110.20 110.97 111.77	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37 105.84 106.34 107.31 108.56	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9	S) - k.	(FT) [10.23 9.91 9.45 12.45 15.31 15.53 15.61 15.77 16.06 16.02 15.94 15.67 15.86 16.34 16.49	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25	PILE ALONG RADIUS PILE ALONG RADIUS PILE ALONG RADIUS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9 P5-10 P5-11 P5-12 P5-13 P5-14 P5-15	SIZE W16x36 W16x36 W16x36 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+86.27 2: 37+94.27 2: 38+06.98 2: 38+11.96 2: 38+16.80 2: 38+26.46 2: 38+31.30 2: 38+31.30 2: 38+31.30 2: 38+31.30 2: 38+31.30 2: 38+43.30 2: 38+431.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2	3.89'RT 5.62'RT 6.93'RT 8.28'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.38'RT 8.38'RT 8.38'RT 8.38'RT 8.38'RT 8.38'RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10 108.65 109.42 110.20 110.97 111.77	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37 105.84 106.34 107.31 108.56 109.50 110.80	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9	S) - k.	(FT) [10.23 9.91 9.45 12.45 15.31 15.53 15.61 15.77 16.06 16.02 15.94 15.67 15.86 16.34 16.49 16.99	11.25 11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25	PILE ALONG RADIUS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32 P3-33	W16x36 W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9 P5-10 P5-11 P5-12 P5-13 P5-14 P5-15 P5-16 P5-17	W16x36 W16x36 W16x36 W16x36 W16x40	37+35.65 2: 37+43.27 2: 37+43.27 2: 37+44.27 2: 37+70.27 2: 37+78.27 2: 37+94.27 2: 38+06.98 2: 38+11.96 2: 38+26.46 2: 38+31.30 2: 38+36.13 2: 38+36.13 2: 37+36.27 2: 38+36.13 2: 38+36.13 2: 37+36.	3.89'RT 5.62'RT 6.93'RT 8.28'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.37'RT 8.38'RT 8.38'RT 8.38'RT 8.38'RT 8.38'RT 8.38'RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10 108.65 109.42 110.20 110.97 111.77 112.57 113.36	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37 105.84 106.34 107.31 108.56 109.50 110.80 111.54	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9	S) - k.	(FT) [10.23 9.91 9.45 12.45 15.31 15.53 15.61 15.77 16.06 16.02 15.94 15.67 15.86 16.34 16.49 16.99 17.93	11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25	PILE ALONG RADIUS
P3-23 P3-24 P3-25 P3-26 P3-27 P3-28 P3-29 P3-30 P3-31 P3-32 P3-33	W16x36 W16x36 W16x36 W16x40 W16x40 W16x40 W16x40 W16x40 W16x36	34+33.06 34+41.06 34+49.06 34+57.06 34+65.06 34+73.06 34+81.06 34+89.06 34+97.06	20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 20.37' RT 80.37'	79.48 79.61 79.73 79.85 79.97 80.12 80.30 80.48 80.66	76.81 76.83 76.46 75.94 75.78 74.93 75.03 75.24 76.72 77.33	7.50 7.50 7.50 7.50 8.50 9.50 9.50 9.50 9.50			10.08 9.97 9.49 8.84 11.57 13.56 13.48 13.51 14.81	12.25 12.25 12.25 12.25 15.25 18.25 18.25 18.25 18.25		P5-1 P5-2 P5-3 P5-4 P5-5 P5-6 P5-7 P5-8 P5-9 P5-10 P5-11 P5-12 P5-13 P5-14 P5-15	SIZE W16x36 W16x36 W16x36 W16x40	37+35.65 2: 37+43.27 2: 37+48.86 2: 37+54.44 2: 37+70.27 2: 37+78.27 2: 37+86.27 2: 37+94.27 2: 38+06.98 2: 38+11.96 2: 38+16.80 2: 38+26.46 2: 38+31.30 2: 38+31.30 2: 38+31.30 2: 38+31.30 2: 38+31.30 2: 38+43.30 2: 38+431.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 38+481.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2: 3881.30 2	3.89'RT 5.62'RT 6.93'RT 8.28' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT 8.37' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT 8.38' RT	99.82 100.79 101.51 102.23 103.20 104.17 105.15 106.13 107.12 108.10 109.42 110.20 110.97 111.77 112.57 113.36 114.16	98.30 98.95 99.21 98.92 99.75 100.95 102.01 103.15 104.42 105.37 105.84 106.34 107.31 108.56 109.50 110.80	(FROM TOS 6.50 6.50 6.50 8.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9	S) - k.	(FT) [10.23 9.91 9.45 12.45 15.31 15.53 15.61 15.77 16.06 16.02 15.94 15.67 15.86 16.34 16.49 16.99	11.25 11.25 11.25 11.25 15.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25 18.25	PILE ALONG RADIUS

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P5-21 W16x40 38+55.46 28.38' RT 116.42

P5-22 W16x40 38+60.30 28.38' RT 116.84

111.46

115.58

